

## ABSTRACT

A photoelectric conversion element, comprises: a casing; and a stacked body enclosed within the casing, wherein the stacked body comprises: a working electrode  
5 having a porous oxide semiconductor layer having a sensitizing dye supported on a surface thereof; a counter electrode provided on a side of the porous oxide semiconductor layer of the working electrode facing the working electrode; and an electrolyte layer disposed on at least a part of which is between the working electrode and the counter electrode, and wherein an upper surface and a lower surface of the stacked body contacts directly or  
10 indirectly an inner surface of the casing, the portion of the casing at least contacting the working electrode being made of a material having an optical characteristic of transmitting sunlight.